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49. A method of liposculpturing an area of the body including a skin with multiple layers, and an underlying area made of a loculation of fat that has collagen tissue as a fibrous septae, comprising:

- providing a thermal energy source;
- positioning an energy delivery surface of the thermal energy delivery source on an external surface of the skin;
- creating a reverse thermal gradient which cools a top surface of the skin while heating the underlying loculation of fat, wherein a temperature of the external skin surface is lower than a temperature of the underlying loculation of fat;
- heating the skin and underlying loculation of fat sufficiently to contract the collagen tissue of the fibrous septae while minimizing cellular destruction of the melanocytes; and
- tightening at least a portion of the external surface of the skin.

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50. The method of claim 49, wherein the collagen containing tissue is partially denatured by cleaving heat labile cross-links of collagen molecules.

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51. The method of claim 49, wherein the collagen containing tissue is partially denatured while minimizing cellular destruction.

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52. The method of claim 49, wherein the reverse thermal gradient produces a net mobilization of intracellular fat with diminished destruction of cells.

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53. The method of claim 49, wherein the thermal energy source is an RF power source and one or more RF electrodes are positioned in a membrane.

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54. The method of claim 53, further comprising:

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a source of electrolytic solution that delivers electrolytic solution to the RF electrodes.

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7~~55~~. The method of claim ~~54~~, wherein RF energy is transferred from the RF electrodes to the electrolytic solution.

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8~~56~~. The method of claim ~~55~~, further comprising:
a cooling fluid lumen positioned in the membrane.

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9~~57~~. The method of claim ~~56~~, further comprising
a source of cooling medium that is introduced into the cooling fluid lumen.

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10~~58~~. The method of claim ~~49~~, wherein the collagen tissue is in a subdermal layer.

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11~~59~~. The method of claim ~~49~~, wherein the collagen tissue is in a deep dermal layer.

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12~~60~~. The method of claim ~~49~~, wherein the collagen tissue is in a subcutaneous layer.

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13~~61~~. The method of claim ~~49~~, wherein the collagen tissue is in fascial and muscle tissue. --

REMARKS

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